

The Lepidoptera of the Cairngorms National Nature Reserve

(Concluded from page 216)

By EUAN A. M. MACALPINE *

NOCTUIDAE

Euxoa tritici (L.). — A; B; C; E; F; G; H; K. *E. nigricans* (L.). — A; E; H; K. *Agrotis vestigialis* (Hufn.). — K; two on 9.viii.76 and two on 10.viii.76. *Ochropleura praecox* (L.). — K; one on 18.viii.76. *O. plecta* (L.). — C; G; K. *Standfussiana lucernea* (L.). — G. *Noctua pronuba* (L.). — A; C; E; F; H; K. *N. comes* (Hübner). — A; B; C; E; F; G; H; K. *N. fimbriata* (Schreber). — K. *N. janthina* (D. & S.). — E; G; K. *Graphiphora augur* (Fab.). — A; G; K. *Paradiarsia sobrina* (Dup.). — A; B; C; E; F; G; H; K. *P. glareosa* (Esper.). — A; B; C; E; F; G; H; K. *Lycophotia prophyrea* (D. & S.). — A; B; C; D; E; F; G; H; K; day-flying at Einich Gate. *Diarsia mendica* (Fab.). — A; B; C; D; E; F; G; H; K; day-flying in Gleann Einich at 370 m and at Einich Gate. *D. dahlii* (Hübner). — C; G; K. *D. brunnea* (D. & S.). — C; G; K. *D. rubi* (Vieweg). — no specimen was positively identified and all records are under *D. florida*. *D. florida* (Schmidt). — A; B; G; K; records running from 26.vi to 2.viii. *Xestia alpicola* (H. & W.). — only record: Harper reported one near the summit of Carn Ban Mor, ? date. *X. c-nigrum* (L.). — G. K. *X. triangulum* (Hufn.). — E; H; K. *X. baja* (D. & S.). — A; B; C; E; F; G; H; K. *X. castanea* (Esper.). — A; B; C; E; F; G; H; K; larvae on heather at E and Achlean. *X. sexstrigata* (Haw.). — A; B; C; K. *X. xanthographa* (D. & S.). — A; C; E; F; H; K. *X. agathina* (Dup.). — C; F; larva on heather. *Eurois occulta* (L.). — A; B; C; E; F; G; H; K; a few of these records from '76 and '78 but large numbers in '77 of the pale form suggesting a significant migration from the continent. *Anaplectoides prasina* (D. & S.). — A; F; K. *Cerastis rubricosa* (D. & S.). — A; B; C; G; H; K. *Anarta myrtilli* (L.). — day-flying at A, Einich Gate, between Achlean and Coire Garbhloch; larva near the tree-line in the Lairig on heather. *A. cordigera* (Thun.). — day-flying near Loch Gamhna and just above the tree-line in the Lairig. *A. melanopa* (Thun.). — day-flying near the summit of Carn Ban Mor, above Coire Odar and Coire Dhondail, near Lochan Buidhe (north of Ben Macdui), over Coire Raibert and the back of Cairngorm, almost to Fords of Avon; on 9.ix.77, I found a larva forming a pupal chamber in lichen and about to pupate, from just below the summit of Bynack More. Altitude range of area: 750 m-1,140 m. *Hada nana* (Hufn.). — A; G; H; K; one at light in Coire Garbhloch—510 m. *Polia hepatica* (Clerck). — A; G; K. *Lacanobia contigua* (D. & S.). — A; B; C; H; K; *L. thalassina* (Hufn.). — K. *L. oleracea* (L.). — K. *L. biren* (Goeze). — K; day-flying above Achlean, by the path to Carn Ban Mor, and in Coire Garbhloch; larvae on the paths at E and in the Lairig. *Ceramica pisi* (L.). — A; K. *Hadena confusa* (Hufn.). — K.

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Cerapteryx graminis (L.). — A; B; C; E; F; G; H; K; at light on the Moine Mor at 980 m. *Panolis flammea* (D. & S.). — K; larvae on young pine at A and in the Lairig. *Orthosia cruda* (D. & S.). — K. *O. populeti* (Fab.). — A. *O. gracilis* (D. & S.). — H; K; larvae at A and in Coire Garbhloch, found on heather. *O. stabilis* (D. & S.). — C; H; K. *O. incerta* (Hufn.). — A; B; C; H; K; *O. gothica* (L.). — A; B; C; H; K; larva on heather at A. *Mythima conigera* (D. & S.). — K. *M. ferrago* (Fab.). — A; K. *M. impura* (Hübner). — A; B; E; G; K. *M. pallens* (L.). — C; E; K. *M. comma* (L.). — K. *Cleoceris viminalis* (Fab.). — C; K. *Brachionycha nubeculosa* (Esper). — K. *Aporophyla lutulenta* (D. & S.). — K; Harper recorded it from Loch an Eilein, ? date. *A. nigra* (Haw.). — A; B; C; E; F; H; K. *Xylena vetusta* (Hübner). — K. *X. exsoleta* (L.). — A. *Allophyes oxyacanthae* (L.). — K; Harper recorded it from Lochan Eilein, ? date. *Dichona aprilina* (L.). — K. *Dryobotodes eremita* (Fab.). — E; K. *Blepharita adusta* (Esper). — A; C; F; G; H; K. *Amtitype chi* (L.). — K. *Eupsilia transversa* (Hufn.). — K. *Conistra vaccinii* (L.). — A; B; E; F; H; K. *Agrochola helvola* (L.). — A; C; E; G; H. *A. litura* (L.). — K. *Parastichtis suspecta* (Hübner). — A; B; C; F; G; K; larva at E. *Xanthina citrigo* (L.). — K. *X. togata* (Esper). — B; C; F; K. *X. icteritia* (Hufn.). — E; F; K. *Acronicta megacephala* (D. & S.). — A; E; larvae on aspen at Loch an Eilein. *A. leporina* (L.). — A; K. *A. psi* (L.). — A; K; larva on elm at Loch an Eilein. *Acronycta menyanthidis* (Esper). — A; G; K. *A. rumicis* (L.). — K. *Amphipyra tragopoginis* (Clerck). — A; C; E; F; G; H; K. *Rusina ferruginea* (Esper). — A; K. *Euplexia lucipara* (L.). — A; G; K. *Enargia paleacea* (Esper). — A; C; K. *Cosmia trapezina* (L.). — A; C; K. *Hyppa rectilinea* (Esper). — A; day-flying in the Lairig at 450 m. *Apamea lithoxylaea* (D. & S.). — K. *A. monoglypha* (Hufn.). — A; B; C; E; F; G; H; K; at light on the rim of Coire Garbhloch, 900 m. *A. exulis assimilis* (Double.). — A; B; C; F; K; at light on the rim of Coire Garbhloch and on the Moine Mor at 980 m. *A. crenata* (Hufn.). — A; H; K. *A. furva britannica* (Cock.). — F; G; K; in 1976, records from 26.vi to 9.vii, a few every other night or so; in '77 just the one record at F on 30.vii. *A. remissa* (Hübner). — A; C; F; H; K. *Oligia strigilis* (L.). — K. *O. fasciuncula* (Haw.). — A; B; K. *Mesapamea secalis* (L.). — A; B; C; F; G; K. *Photedes minima* (Haw.). — A; E; K. *P. pygmina* (Haw.). — A; K. *Amphipoea lucens* (Frey.). — F; K. *A. crinanensis* (Burrows). — E; K. *A. oculea* (L.). — B; C; F; K. *Hydraecia micacea* (Esper). — K. *Celaena haworthii* (Curtis). — A; B; G; H; K; day-flying at B. *C. leocostigma* (Hübner). — K. *Caradrina clavipalpis* (Scop.). — K. *Stilbia anomala* (Haw.). — A; B; C; D; E; F; G; H; K. *Colocasia coryli* (L.). — K. *Diachrysia chrysitis* (L.). — K. *Plusia festucae* (L.). — K. *Authographa gamma* (L.). — K; previously recorded from Loch an Eilein by Harper, ? date. *A. pulchrinna* (Haw.). — A; C; F; G; H; K. *A. bractea* (D. & S.). — K. *Syngrapha interrogationis* (L.). — A; C; D; E; F; H;

K; day-flying in Coire Garbhloch, near Achlean and in Glen Feshie NN/8888; Glen Derry and in the Lairig in 1971, E.C.P.C. *Abrostola triplasia* (L.). — A; K. *Scoliopteryx libatrix* (L.). — A; G; K; recorded both before and after hibernation. *Phytometra viridaria* (Clerck). — K; day-flying near Achlean and above Loch Einich at 1,030 m. *Hypena proboscidalis* (L.). — K.

Addendum

TORTRICIDAE

Olethreutes palustrana (L. & Z.). — A; B; C; E; F; H; day-flying at Loch Einich, above Loch an Eilein, in the Lairig and on the south face of Cairn Gorm, 1,150-1,220 m. *Epagoge grotiana* (Fab.). — A.

GEOMETRIDAE

Thera obeliscata (Hubn.). — A; B; C; E; F; H; K; day-flying at A; larva by Allt Ruadh. *Eupithecia assimilata* (Doubl.). — A; K. *Selenia dentaria* (Fab.). — A; B; C; G; K.

NOCTUIDAE

Eugnorisma depuncta (L.). — B; C; E; F; G; H; K. *Lithomoia solidaginis* (Hübner). — A; B; C; E; F; G; H; K.

NOTES ON THE DEAL COLONY OF PANAXIA DOMINULA L.—The famous colony of the Scarlet Tiger on the undercliff at Walmer has aroused much interest since this species has been seriously studied. Until the 1950's, it existed in vast numbers until the road to the Rifle Butts was "improved", the spoil being bulldozed to the base of the cliff destroying the vegetation. I did not have the inclination to visit the colony after this unfortunate happening having heard from various sources that it was completely exterminated.

In May 1973 while attending a conference I had a few hours to spare. I took the train from Victoria to Walmer and there ordered a taxi. I had exactly one hour to walk to the Rifle Butts and back before meeting my taxi for the return journey. I had often wondered if a few could have survived but on the walk to the end of the road not a single larva was found. Descending the steps past the Rifle Butts there was a few hundred yards of original bramble left and here I was delighted to see that *dominula* was in profusion exactly as in the old days. I wish now that I had collected a few to keep this interesting strain in captivity, but at that time it seemed safe enough with the road completed.

It was not possible to visit Walmer again until May 1978, alas high tides had covered all the vegetation which was dead and brown with the action of the salt. An untimely end indeed as this year we were organized to have taken a few pairings and hopefully bred and returned large numbers. Perhaps a few have survived but I think it doubtful. — R. W. WATSON, F.R.E.S., Watson Trust for Entomology, Porcorum, Sandy Down, Boldre, Lymington, Hants.